

Cleaning

- Use a soft, dry, clean cloth. Regularly dust the vents at the back or sides.
- Using solvents, abrasive or alcohol-based products risks damaging the appliance.
- If an object or liquid enters inside the appliance, unplug it immediately and have it checked by an authorised engineer.

Handling and caring for discs



- Handle your discs with care. Hold the disc with your fingers at the edges or through the hole.
- Insert the disc with the label facing up (for a single-sided disc).
- Place the disc properly into the tray in the allotted holder.
- Use a soft cloth to clean discs if necessary, always wiping from the centre to the edge.
- Always put discs back in their cases after use and store in a vertical position.
- Do not close the tray with two discs in it or with a disc not sitting correctly in the holder.
- Do not play cracked, chipped or warped discs nor try to repair them with adhesive tape or glue.
- Do not write on a disc.
- Do not move the player when a disc is being played.
- Do not scratch discs or store them in places exposed to direct sunlight, high humidity or high temperatures.
- Do not use aerosol cleaners, benzene, anti-static liquids or any other solvent for cleaning discs. When cleaning, wipe gently with a soft damp (water only) cloth from the centre to the edge, avoiding circular motions, which could cause scratches and interference during playback.

Guarantee

- The type and production number of your appliance are printed on the guarantee certificate supplied with your appliance. Keep this certificate as well as the invoice. These documents are required in the event of claiming your guarantee rights.
- All repairs during the guarantee period must be carried out by an authorised engineer for our brand. If this condition is not met, your rights will no longer be valid.
- Never open the appliance yourself, since this may put you at risk or damage the equipment. THOMSON does not accept any liability if the appliance is used in any way other than in accordance with this manual.

DISCLAIMER OF WARRANTIES: TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, DECLARATIONS AND WARRANTIES OF NON-INFRINGEMENT OF COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHTS RESULTING FROM THE USE OF THE PRODUCT IN CONDITIONS OTHER THAN THOSE SPECIFIED ABOVE ARE HEREBY DISCLAIMED.

Discs you can play

In spite of progress made to ensure playability of all discs types, it is not possible to guarantee playback of discs which are not in conformity with DVD, CD, VCD or SVCD standards. This unit may not play some recordings or files on CD-R, CD-RW, DVD-R, DVD-RW, DVD+R, DVD+RW due to differences in recording formats, software used and disc types.

DVD-Video

Digital video discs - 12 cm and 8 cm, single or double sided, single or dual layer. DVDs are high-density optical discs on which high quality picture and audio are recorded by means of digital signals.

DVD-R, DVD-RW, DVD+R, DVD+RW

Most DVD-R and DVD+R (one recording only), DVD-RW and DVD+RW discs (rewritable). Depending on the DVD writer and discs used. Recordings using DVD-R and DVD-RW discs must be made in Video DVD mode. Recordings using DVD+RW discs must be made in accordance with the specifications for DVD+RW discs with a 4.7 GB capacity.

VCD - Video Compact Disc

CD on which you can record up to 74 min. of VHS-quality video associated with still images, audio tracks and interactive menus.

SVCD - Super Video Compact Disc

Most SVCDs comply with the IEC62107 standard. SVCDs can be used to record up to 70 minutes of digital sound and images in accordance with MPEG-2 standards for video and MPEG-1 standards for audio.

Audio CDs

Audio CDs (8 and 12 cm).

CD-R, CD-RW

Most CD-R (one recording only) and CD-RW discs (rewritable). This player can play most CD-R discs. CD-Rs written during a multisession recording can also be played, provided that the session has ended before the disc is played (depending on the write software). However, depending on the condition of the CD-writer, computer and the disc used, you may find that not all discs will play successfully. When playing a CD-R disc, it is completely normal for the unit to take up to 20 seconds to recognise the disc before starting to play. If the disc is not recognised after a period of 20 seconds, remove the disc, and then insert it again. • Irrespective of the actual recording capacity of the CD-R, do not use its full capacity. • CD-Rs should be preferably used instead of CD-RWs (rewritable CDs) as, in certain cases, CD-RW playback may be faulty. • Use reliable, good-quality CD write software. • Close all other applications on the computer to ensure reliable CD-R disc recording.

DivX files

DivX is the name of a revolutionary new video codec which is based on the new MPEG - 4 compression standard for video. Whether DivX files play correctly on your player or not depends on the preparation and production of the audio and video files, the codecs and the type of recording equipment used, as well as on your computer's parameters. It is therefore possible that you cannot play a DivX file or that part or all of it is defective. It also sometimes happens that you can play the images (video) but not the sound (audio). DivX disc compatibility with this player is limited as follows: • The maximum resolution of the DivX file is below 720x576 (W x H) pixels. • DivX filenames should not exceed 56 characters. • If the video and audio structure of the recorded file is not interleaved, either video or audio is outputted. • If the file is recorded with GMC, the unit supports only 1-point GMC. GMC is the acronym for Global Motion Compensation. It is an encoding tool specified in the MPEG4 standard. Some MPEG4 encoders, like DivX or XviD, have this option. There are different levels of GMC encoding, usually called 1 - point, 2 - point, or 3 - point GMC. • DivX files with subtitles in .SRT, .SUB and .SMI formats can be played. Correct playback of all languages may not be possible as some characters may be missing.

mp3 mp3 files

CD-R and CD-RW discs containing audio files in mp3 format. With regard to CD-R mp3 discs, please follow all the recommendations for CD-R above, along with the comments below:

- Your mp3 files should be ISO 9660 or JOLIET format. ISO 9660 format and Joliet mp3 files are compatible with Microsoft DOS and Windows, as well as with Apple Mac. These two formats are the most widely used. • mp3 filenames should not exceed 8 characters and should end with the ".mp3" extension. General name format: Title.mp3. When composing your title ensure that you use 8 characters or less, have no spaces in the name, and avoid the use of special characters including (, /, \, \, =, +). • The total number of files on a disc should be less than 999. The total number of folders should be less than 499. • Use a decompression transfer rate of at least 128 kB/sec (kilobytes/second) when recording mp3 files. Sound quality with mp3 files basically depends on the rate of compression/ decompression you choose. Obtaining audio CD quality sound requires an analogue/digital sampling rate, that is conversion to mp3 format, of at least 128 kB/sec and up to 160 kB/sec. Choosing higher rates, such as 192 kB/sec or more, only rarely produces even better sound quality. Conversely, files with sampling rates below 128 kB/sec will not play properly. • Do not try recording copyright-protected mp3 files. "Securized" files are encrypted and code-protected to prevent illegal copying. You must not copy such files.

WMA (Windows Media Audio) files

CD-R with WMA files.

- WMA filenames should not exceed 8 characters, and should end with the ".wma" extension. General name format: Title.wma. When composing your title ensure that you use 8 characters or less, have no spaces in the name, and avoid the use of special characters including (, /, \, \, =, +). • The total number of files on a disc should be less than 999.

Windows Media and the Windows logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.

Important: The above recommendations cannot be taken as a guarantee that the DVD player will play mp3 or WMA recordings, or as an assurance of sound quality. You should note that certain technologies and methods for mp3 file recording on CD-Rs prevent optimal playback of these files on your DVD player (i.e. degraded sound quality and even, in some cases, inability of the player to read the file).

DVD copy protection

In accordance with the DVD standard, your DVD player is equipped with a Copy Protection system, which can be switched on and off by the DVD disc itself, in order to make any recording of the relevant DVD disc onto a videotape of very poor picture quality, or even impossible. This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home use only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.*

Note on DivX files

Before playing DivX or mpeg4 files, please be sure of their origin and that you have legally purchased or rented the contents. Pirate copying is illegal and may result in sanctions. Private copies of your own material for your own use may be legal in some countries. Make sure you are aware of any applicable laws.

Technical data

Power requirements: AC 220-240V, 50/60Hz

Power consumption: 15W

Operating temperature:

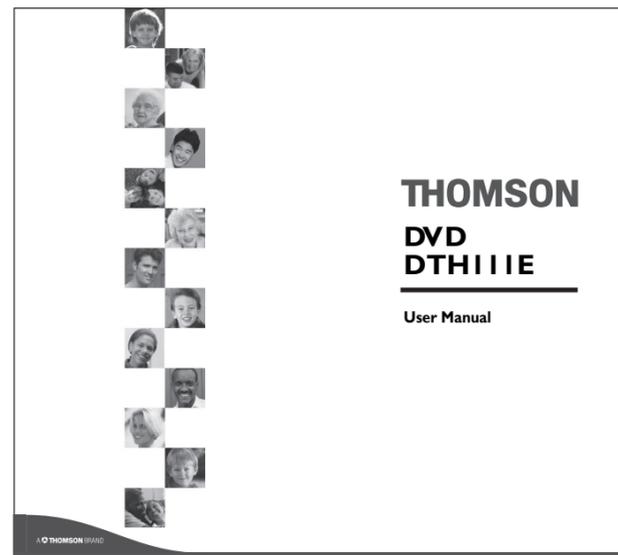
5°C to 35°C (41°F to 95°F)

Operating humidity:

5 % to 90 % (no condensation)

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Connections and Setup

Some points to check before you connect your TV set

- Ensure that the mains supply in your house complies with that indicated on the identification sticker located on the back of your appliance.
- Install your appliance horizontally, away from any source of heat (fireplace) or appliances generating strong magnetic or electric fields. The components of this appliance are sensitive to heat. The maximum ambient temperature should not exceed 35° Celsius.
- Leave sufficient space around the appliance to allow adequate ventilation: 10 cm on either side and at the back, as well as 7 cm above it are ideal.
- The humidity of the room should not exceed 75%. If you have to use the appliance outdoors, do not expose it to rain or splashing water. The appliance should not be exposed to dripping or splashing and no objects filled with liquids, such as vases, should not be placed on top of it.
- Moving it from a cold environment to a warm one is likely to cause condensation on some components inside the appliance. Let the condensation disappear of its own accord before turning the appliance on again.
- Before moving the player, make sure the disc tray is empty.

The remote control

1. ▲	Disc tray Open / Close
2. ANGLE	Select desired viewing angle of the Video (disc feature)
3. 012...9	Numeric entry
4. GOTO	Searching favourite scene
5. ◀▶▲▼	Cursor (Up / Down / Left / Right)
6. PAL/NTSC	Switching between PAL & NTSC TV system
7. SETUP	Setup menu
8. ■	Stop: Press once - Stop (may resume with Play button) Press twice - Stop
9. - / +	Volume adjust
10. ▶	Slow forward/Slow Backward
11. REPEAT	Repeat playback
12. PRO SCAN	Progressive / Interlace video output select
13. ⏻	Power standby On / Off
14. SUBTITLE	Select desired DVD subtitle
15. AUDIO	Select desired audio track
16. RETURN	Return to the upper menu
17. CLEAR	Clear the last entry
18. SHUFFLE	Shuffle playback
19. PROG	Program playback
20. ENTER	Enter
21. MENU	Return to DVD disc Menu and turn the PBC function on and off
22. TITLE	Return to DVD disc Title and access the PBC menu at PBC on mode
23. ▶	Play
24.	Pause / Step: Press once to Pause Press again to play frame by frame
25. ▶▶	Disc skip forward
26. ▶▶▶	Disc skip backward
27. ▶▶▶▶	Disc search forward
28. ▶▶▶▶▶	Disc search backward
29. ✕	Mute
30. ZOOM	Zoom in/out
31. OSD	On Screen Display On/Off
32. A - B	Repeat section A to B

Inserting batteries in the remote control

Insert two R03 or AAA batteries in the remote control.

- Do not mix different types of batteries or new and old batteries. Do not use rechargeable batteries.
- In order to avoid any risk of explosion, observe the polarities indicated inside the battery compartment. Replace only with the type of batteries specified above. Do not dispose of them in a fire or recharge them.
- If you are not using the remote control for a long period of time, remove the batteries.
- Please respect the environment and prevailing regulations. Before you dispose of batteries or accumulators, ask your dealer whether they are subject to special recycling and if they will accept them for disposal.

CE In accordance with the rating plate of the unit, this unit complies with current standards concerning electrical safety and electromagnetic compatibility.

EN CAUTION - LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM.



CLASS I LASER PRODUCT

<p>THE LIGHTNING FLASH AND ARROWHEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF A DANGEROUS VOLTAGE INSIDE THE PRODUCT.</p>	<p>CAUTION RISK OF ELECTRIC SHOCK - DO NOT OPEN</p> <p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVING TO QUALIFIED SERVICE PERSONNEL.</p>	<p>THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.</p>
SEE MARKING ON BOTTOM / BACK OF PRODUCT		

This THOMSON product is designed and manufactured with high quality materials and components which can be recycled and reused. This symbol means that electrical and electronic equipment, at their end-of-life, should be disposed of separately from your household waste.

Please, dispose of this equipment at your local community waste collection/recycling centre.

In the European Union there are separate collection systems for used electrical and electronic product.

Please, help us to conserve the environment we live in!

HELPLINE THOMSON
You can contact THOMSON by dialling: 0871 712 1312 (for United Kingdom, E0.10min inc VAT)
www.thomson-europe.com

Front panel controls



STANDBY/ON - To switch the appliance on and off.

OPEN/CLOSE - To open and close the disc tray.

STOP - To stop disc playback.

PLAY - To start playing a disc.

◀▶/▶▶ SKIP BACKWARD/FORWARD - To skip for a chapter or track.

VOL 1,2 (MIC LEVEL) - To adjust the mic sound.

Basic connections (DVD player + TV + video recorder)

1. Connect the DVD player Scart socket (TV AUDIO VIDEO OUT) to the television set's Scart socket (AV1, EXT1, AUX1) using a Scart lead (not provided).

- OR -

1. If your television set does not have two Scart sockets, connect the DVD player to the video recorder's AV2 socket using a Scart lead (not provided). If you have a satellite or cable receiver you can also connect the DVD player to the receiver's second Scart socket.

Note: If your video recorder only has one Scart socket, but has a modulator, use the aerial cable to connect the video recorder to the television set, adjust the video recorder's modulator, then connect the DVD player to the video recorder's Scart socket.

2. Connect the video recorder (or satellite receiver) to the television set as shown in the video recorder's (or satellite receiver's) user guide.

3. Connect the DVD player to the mains socket using the mains lead.

4. Switch on the devices.

Note: If one of the devices is not working, check that all the cables have been inserted properly into the sockets which they should be connected to.

Other connection options

VIDEO OUT socket

This socket (yellow) is also known as a composite video socket. The video cable (not supplied) usually comes with two audio cables (white and red). The picture quality obtained using a video connection is poorer compared to that obtained using a Scart connection.

AUDIO L (left) and AUDIO R (right) sockets

These are analogue audio output sockets. The AUDIO L socket and cable are white, while the AUDIO R socket and cable are red. Connect the DVD player's AUDIO L and R sockets to the television set's AUDIO L and R sockets using audio cables (not supplied).

Note: If your television set only has one audio socket connect it to the DVD player's left socket (white).

S-Video

If the TV set is equipped with S-Video, connecting this signal will provide a better picture than Video (composite).

Component output (Y, Pr, Pb / Y, Cr, Cb)

YPrPb sockets deliver an optimum image quality due to the separation of the video signal into three separate components (comparable with RGB separation in a Scart-Peritel cable).

Note: the video signal available from these 3 sockets depends on the choice made in the Video Out menu.

In order to obtain the best possible image quality, always use very high quality cables for the connections. Your dealer can provide Y, Pr, Pb cables that are sold together and come in the standard colour codes (red, green and blue) used for these types of sockets and cables.

Note: do not forget to also connect the audio cables, because Component cables only transmit images, and not sound.

Optical and coaxial Out sockets

The digital sound from a Video DVD in playback is permanently available at the optical and coaxial sockets on your player. Use one of these sockets by connecting it to a decoder or a DTS or Dolby Digital amplifier. Some of these appliances are equipped with a coaxial In socket (COAXIAL) or an optical In socket (OPTICAL), while others are equipped with both sockets. Choose one of the two connections.

Note: In most cases these two types of connection give similar results; the only difference lies in the type of cable used and the cost of these cables, the coaxial cable being the least expensive one to buy. However it sometimes happens that some coaxial cables are parasitised by high frequency interference caused by household electrical appliances, high voltage electric cables or radio transmitters.

Note : when connecting the optical audio digital cable:

1. Remove the protection cap from the connector and connect it firmly as shown on the drawing.
2. Keep the protection cap and always reattach the cap when the connector is not in use, to keep it dustfree.

Basic Playback Operations

Regional coding

Your DVD player has been designed to process regional management information that is stored on DVD discs. DVD discs that have different regional codes to that of your player cannot be played. The regional code for your player is 2 (Europe, the Middle East, South Africa, Japan). ALL means all regions. When you buy a disc check that it bears the correct logo.

Operating the DVD player

1. Switch on your TV set.
2. Press the  button on the remote control or the **STANDBY/ON** button located on the DVD player's front panel.

Playback

1. Press the **OPEN/CLOSE** button on the front of the appliance or on the remote control to open the disc tray.
2. Put the disc in with the printed side upwards (in the case of a single-sided disc).
3. Press **OPEN/CLOSE** button again to close the disc tray. Play starts automatically. If a menu appears, one of its options can be selected to start playing the disc. Select it and press **ENTER** button.
4. Press **STOP** button to stop playback.

*Notes: The player stores the point where playback was interrupted. If you press **PLAY** button again, playback resumes from this point. To stop playback completely or to start again from the beginning, press **STOP** button twice.*

If the player is left in STOP mode for more than one minute without any user inter action, a screen saver is activated.

Accelerated play

While the disc is playing, press the **REV** or **FWD** button one or more times to vary the speed and direction of the accelerated play.

Still image

While the disc is playing, press **PAUSE/STEP** once for freeze frame.

Note: After five minutes in PAUSE with no user interaction, the player goes into screen saver mode.

Frame advance (DVD and VCD only)

1. While the disc is playing, press **PAUSE/STEP** once.
2. Press the **PAUSE/STEP** button a number of times to advance forward image by image.
3. Press **PLAY** button to resume normal playback.

Variable slow motion (DVD and VCD only)

1. While the disc is playing, press **SLOW** button.
2. Press the **SLOW** button repeatedly to change slow speed.
3. Press **PLAY** button to resume normal playback.

Changing chapter/track

While the disc is playing, press the **SKIP**  or **SKIP**  button to go immediately to the next or previous chapter, or to the next or previous track.

Or enter the track number with the number buttons.

Zoom (DVD, VCD and JPEG)

1. While a disc is playing, press the **ZOOM** button until you reach the zoom size you require.
2. Move from one area to another using the , ,  and  buttons.

*Note : Under Zoom function for JPEG file , press **ZOOM** button goes to Zoom x 1 mode, then Press the **REV** or **FWD** button a number of times to vary the Zoom steps which you want, then press **ZOOM** to quit Zoom mode.*

Play modes

Repeat playback

While the disc is playing, press the **REPEAT** button repeatedly to select a play mode:

- DVD**: Repeat Chapter, Repeat Title, Repeat Off;
- VCD and audio CD**: Repeat Track, Repeat All, Repeat Off;

A-B repeat

To repeat a sequence between two points A and B, press the **A-B** button at the beginning of the sequence you want to repeat. Then press the **A-B** button again at the end of the sequence. Then the sequence is played repeatedly until you press **A-B** to resume normal playback.

Programme playback (DVD, VCD and audio CD)

With this option, you choose and programme the playback order. You can store up to 20 tracks.

1. Insert a disc.
2. In playing and stop mode, press the **PROGRAM** button. The Program menu appears.
3. Use the number buttons to enter the title number and then the chapter number (for DVD) or the track number (for VCD and Audio CD).

4. Use **CURSOR** button moving to the next input. Repeat step 3 until programming is completed.
5. Highlight the "Start" icon, press **ENTER** button to start the program play.
6. Press the **STOP** button to stop the programme playback. Press the **OPEN/CLOSE** button to cancel the programme playback.

SHUFFLE playback

You can play all the tracks on the disc in a shuffle order (chosen by the player).

1. Insert a disc.
2. Press the **SHUFFLE** button during playback. "SHUFFLE" appears. Once all tracks have been played, the player automatically stops playback.
3. Press the **SHUFFLE** button again to stop random playback.

Advanced functions

Audio (DVD, VCD and audio CD)

Some discs have several audio tracks used for different languages or different audio formats.

To change the language or audio format during play, press the **AUDIO** button one or more times to select one of the available audio formats or languages.

Note: This option is only available if the disc offers a number of dialogue languages or audio formats.

Status menu

Press the **OSD** button, a number of times during playback to show in turn:

DVD: Title elapsed time, Title remaining time, number of title, number of Chapter, Chapter elapsed time and Chapter remaining time.

VCD and audio CD: Single elapsed time, Single remaining time, Total elapsed time and Total remaining time.

PBC (VCD)

The PlayBack Control function offers scenes and information which can be selected interactively via a menu. It can also be used to display high-resolution pictures, if the disc contains any.

Press the **TITLE** button to access the PBC menu and the **MENU** button to turn the PBC function on and off.

GOTO a desired section

Press the **GOTO** button to play ata desired title, chapter or time.

DVD disc

1. Press the **GOTO** button to select **GOTO** mode.
2. Press the **DOWN** button highlight desired item and then press **ENTER** button.
 - TITLE** : Input title number.
 - CHAPTER** : Input chapter number
 - AUDIO** : select audio channel
 - SUBTITLE** : select subtitle
 - ANGLE** : select angel
 - CHTIME** : input chapter time
 - REPEAT** : select repeat mode
 - TIME DISP.** : select time display mode.
 - TT TIME** : Input time h:mm:ss
3. Press **ENTER** button.

CD disc

1. Press the **GOTO** button repeatedly to enter different **GOTO** modes.
 - Disc Go To** :-:-- Input desired time of the disc
 - Track Go To** :-:-- Input desired time of the track
 - Select Track** :- Input desired track number
2. Press **ENTER** button.

Playback of mp3, WMA, JPEG and DivX files

mp3 is an audio file format which compresses recorded music. It was developed in collaboration with **THOMSON**. The main advantage of the mp3 format is that it means CD-quality music tracks can be stored on a personal computer in user-friendly compressed files. Your player is an Official DivX Certified™ product that plays DivX® 5, DivX® 4, DivX® 3, and DivX® VOD video content, in compliance with DivX Certified™ technical requirements.

Playing mp3, WMA or DivX files

Before inserting a disc, check that it is compatible with the player.

1. Open the tray by pressing the **OPEN/CLOSE** button.
2. Place the disc with the printed side facing up and close the tray. The disc's contents are displayed.
3. Select a folder using the  and  buttons on the remote control, then press **ENTER** button to see the folder's contents.
4. Press the **STOP** button to stop playback.
5. To go back to the folder list, press the  button in stop mode.

*Note: During playback you can use the **SKIP**  or **SKIP**  button to go back to the previous file or go on to the next one.*

Repeat playback

While the disc is playing, press the **REPEAT** button repeatedly to select a play mode:

mp3 and WMA : Repeat One, Repeat Folder, Folder (≠Off).

Karaoke connection

Complete the video and audio connections referring to this manual.

NOTE Karaoke do NOT function through Digital Audio outputs. Connect the L,R or 5.1 channel decoded output for karaoke.

- Connect microphones to the MIC jack 1 and/or 2 on the front panel.
- Turn the MIC LEVEL switch 1 and 2 anti-clockwise to the lowest level.
- Power on the unit and play a Karaoke disc.
- Switch on the microphone.

- Turn the MIC LEVEL switches 1 and/or 2 clockwise, slowly to a suitable level.
- Press **AUDIO** button to select the disc Karaoke channel (depends on disc design)

NOTE

- Do not hold the microphones too close nor direction toward the loud speakers, otherwise, howling may occur.
- If howling still occurs, turn the MIC LEVEL anti-clockwise.

Player menus

Using the player's menus

Press the **SET UP** button to display the player's main menu. Select a menu icon (, , , , , , , , , , , , , , , , , , , , , ,